

IN THE CLAIMS

The text of all claims under examination is submitted, and the status of each is identified. This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (currently amended): A process for dyeing or printing textile fibre materials, wherein a gloss pigment A or B is used and pigment A comprising

A(a) a core consisting of a substantially transparent or metallically reflecting material and
A(b) at least one coating substantially consisting consists essentially of one or more silicon oxides
wherein the molar ratio of oxygen to silicon is on average from 0.03 to 0.95,
or

and pigment B comprises

B(a) a core substantially consisting consists essentially of one or more silicon oxides wherein the
molar ratio of oxygen to silicon is on average from 0.03 to 0.95.

2. (original): A process according to claim 1, wherein the core A(a) of gloss pigment A consists of
mica, SiO_y wherein y is from 0.95 to 1.8, SiO_2 or an $\text{SiO}_2/\text{TiO}_2$ mixture.

3. (previously presented): A process according to claim 1, wherein the core A(a) of gloss pigment A
is selected from Ag, Al, Au, Cu, Cr, Ge, Mo, Ni, Si, Ti, Zn, alloys thereof, graphite, Fe_2O_3 and MoS_2 .

4. (original): A process according to claim 1, wherein the gloss pigment A has the following layer
structure: $\text{SiO}_2/\text{SiO}_x/\text{SiO}_y/\text{SiO}_x/\text{SiO}_2$, $\text{SiO}_2/\text{SiO}_x/\text{SiO}_x/\text{SiO}_2$, $\text{SiO}_2/\text{SiO}_x/\text{Al}/\text{SiO}_x/\text{SiO}_2$,
 $\text{TiO}_2/\text{SiO}_2/\text{SiO}_x/\text{SiO}_2/\text{SiO}_x/\text{SiO}_2/\text{TiO}_2$ or $\text{TiO}_2/\text{SiO}_2/\text{SiO}_x/\text{Al}/\text{SiO}_x/\text{SiO}_2/\text{TiO}_2$, wherein x is from 0.03 to
0.95 and y is from 0.95 to 1.8.

5. (original): A process according to claim 4, wherein the gloss pigment A has the following layer
structure: $\text{SiO}_2/\text{SiO}_x/\text{SiO}_y/\text{SiO}_x/\text{SiO}_2$, $\text{SiO}_2/\text{SiO}_x/\text{SiO}_x/\text{SiO}_2$ or $\text{TiO}_2/\text{SiO}_2/\text{SiO}_x/\text{SiO}_2/\text{SiO}_x/\text{SiO}_2/\text{TiO}_2$,
wherein x is from 0.03 to 0.95 and y is from 0.95 to 1.8, the core is a platelet having an average
diameter of from 1 to 50 μm and a thickness of from 20 to 500 nm, the thickness of the SiO_x layer is

from 5 to 200 nm, the thickness of the SiO_y or SiO₂ layer is from 1 to 200 nm, and the thickness of the TiO₂ layer is from 1 to 180 nm.

6. (original): A process according to claim 1, wherein the core B(a) of gloss pigment B has a thickness of from 20 to 350 nm.

7. (currently amended): A process according to claim 1, wherein there is applied to the core B(a) of gloss pigment B, a layer B(b) having a thickness of from 0 to 500 nm, comprising from 17 to 51 atom % silicon bonded to more than 95 atom % oxygen, based on 100 atom % silicon.

8. (currently amended): A process according to claim 1, wherein there is applied to the core B(a) of gloss pigment B, a layer B(c) having a thickness of from 0 to 300 nm, that has a transparency of from 50 to 100 % and a complex refractive index $n + ik$ satisfying the condition $\sqrt{n^2 + k^2} \geq 1.5$ at the wavelength of maximum visible reflection of the particles, and that substantially consists essentially of carbon, an organic compound, a metal, a dielectric or a mixture thereof.

9. (currently amended): A process according to claim 7, wherein there is applied to the layer B(b) of gloss pigment B, a layer B(c) having a thickness of from 0 to 300 nm, that has a transparency of from 50 to 100 % and a complex refractive index $n + ik$ satisfying the condition $\sqrt{n^2 + k^2} \geq 1.5$ at the wavelength of maximum visible reflection of the particles, and that substantially consists essentially of carbon, an organic compound, a metal, a dielectric or a mixture thereof.

10. (previously presented): A process according to claim 1, wherein the textile fibre material is printed.

11. (currently amended): A process according to claim 1, wherein the textile fibre material is printed by the a transfer printing or a thermoprinting process.

12. (previously presented): A process according to claim 1, wherein the core A(a) of gloss pigment A is Al.

13. (previously presented): A process according to claim 7, wherein the core B(a) of gloss pigment B has a thickness of from 20 to 350 nm.

14. (previously presented): A process according to claim 8, wherein the core B(a) of gloss pigment B has a thickness of from 20 to 350 nm.

15.(previously presented): A process according to claim 9, wherein the core B(a) of gloss pigment B has a thickness of from 20 to 350 nm.

16. (previously presented): A process according to claim 2, wherein the textile fibre material is printed.

17. (currently amended): 10. A process according to claim 9, wherein the textile fibre material is printed.

18. (currently amended): 10. A process according to claim 13, wherein the textile fibre material is printed.

19. (currently amended): 11. A process according to claim 4, wherein the textile fibre material is printed by the a transfer printing or a thermoprinting process.

20. (currently amended): 11. A process according to claim 13, wherein the textile fibre material is printed by the a transfer printing or a thermoprinting process.